

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Gary D. Glick et al.

Serial No.:

10/634,114

Group No.: Examiner:

Filed: Entitled: 08/04/03 Compositions and Methods Relating to Novel

Compounds and Targets Thereof

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

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Dated: June 16, 2004

Mary Ellen Waite

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Enclosed please find an Information Disclosure Statement and Form PTO-1449, including copies of the references contained thereon, for filing in the U.S. Patent and Trademark Office.

Thie Information Disclosure Statement is being filed before the issuanace of a first Office Action, there Applicant believes no fee is required. If the Commissioner deems otherwise the Commissioner is hereby authorized to charge any additional fee or credit overpayment to our Deposit Account No. 08-1290. An originally executed duplicate of this transmittal is enclosed for this purpose.

Dated: June 16, 2004

Goetz

Registration No. 55,210

MEDLEN & CARROLL, LLP 101 Howard Street, Suite 350 San Francisco, California 94105 608/218-6900



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Sir or Madam:

The citations listed below, copies attached, may be material to the examination of the above-identified application, and are therefore submitted in compliance with the duty of disclosure defined in 37 C.F.R. §§ 1.56 and 1.97. The Examiner is requested to make these citations of official record in this application.

- U.S. Patent No. 4,946,778
- U.S. Patent No. 4,076,823
- U.S. Patent No. 4,110,337
- U.S. Patent No. 4,495,101
- U.S. Patent No. 4,751,223
- U.S. Patent No. 5,776,946
- U.S. Patent No. 5,324,726
- U.S. Patent No. 5,597,915
- U.S. Patent No. 5,041,438

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This Information Disclosure Statement under 37 C.F.R. §§ 1.56 and 1.97 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one or more of these citations constitutes prior art.

Dated:

June 16, 2004

Robert A. Goetz

Registration No. 55,210
MEDLEN & CARROLL, LLP
101 Howard Street, Suite 305
San Francisco, California 94105
608/218-6900

FORM PTO 1449 JUN (Modified) SCOSURE STATEMENT BY APPLICANT E Several Sheets If Necessary)

U.S. Department of Commerce Patent and Trademark Office

Attorney Docket No.: UM-08192

Applicant: Gary D. Glick et al.

Serial No.: 10/634,114

Filing Date: 08/04/03

Group Art Unit:

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Examiner Initials	Cite No.	Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass Filing Date		Date
	1	4,946,778	08/07/90	Ladner et al.	435	69.6	1/19/89	
, , , , , , , , , , , , , , , , , , , ,	2	4,076,823	02/28/78	Wade et al.	424	269	08/18/77	
	3	4,110,337	08/29/78	Szarvasi	260	308	03/08/74	
•	4	4,495,101	01/22/85	Klaubert et al.	260	239.3	04/28/83	
	5	4,751,223	06/14/88	Glamkowski et al.	514	219	10/14/86	
	6	5,776,946	06/07/98	McGeer et al.	514	307	08/28/95	
	7	5,324,726	06/28/94	Bock et al.	514	221	10/29/92	
	8	5,597,915	01/28/97	Chambers et al.	540	509	09/15/94	
	9	5,041,438	08/20/91	Hsu	514	221	10/30/89	
	10	5,861,380	01/19/99	Gyorkos et al.	514	19	12/0	6/96
	11	6,004,942	12/21/99	Firestein et al.	514	44	12/2	1/99
	12	6,080,588	06/27/00	Glick	436	508	06/2	7/00
	13	3,415,814	12/10/68	Calabateas et al.	260	239.3	9/28	8/66
	14	3,384,635	5/21/68·	Calabateas et al.	160	239	6/18	8/65
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<u> </u>		· FC	REIGN PATENTS C	OR PUBLISHED FOREIGN PATENT APPLIC	CATIONS	•		
		Document	Dublication Data	Country / Potent Office	Close	Subalasa	Translation	
		Number	Publication Date	Country / Patent Office	Class	Subclass	Yes	N
	18	WO 00/19200	06/04/2000	PCT	ļ			<u> </u>
	19	· 0 349 949 A2	10/01/1990	EPO		ļ		<u> </u>
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	•	OTHER	DOCUMENTS (Inclu	ding Author, Title, Date, Relevant Pages, Place	e of Publication)			
	21	Köhler and Milstein, Nature, 256:495-497 [1975]						
	22	Kozbor et al., Immunol. Today, 4:72 [1983]						
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	24	Adachi, M., et al., "Aberrant Transcription Caused by the Insertion of an Early Transposable Element in an Intron of the Fas Antigen Gene of <i>Ipr</i> Mice," PNAS. USA- 90:1756-1760 (1993)						
	25	Adelman, N.E., et al., "Treatment of (NZB X NZW)F1 Disease with Anti-I-A Monoclonal Antibodies; J. Exp. Med158:1350•1355 (1983)						
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				Date Considered:				

FORM PTO-1449 U.S. Department of Commerce Attorney Docket No.: UM-08192 Serial No.: 10/634,114 (Modified) Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT BY APPLICANT Applicant: Gary D. Glick et al. (Use Several Sheets If Necessary) Filing Date: 08/04/03 Group Art Unit: (37 CFR § 1.98(b)) OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication) Boojamra, C.G., et al., "Solid-Phase Synthesis of 1,4 Benzodiazepine-2,5-Diones. Library Preparation and 29 Demonstration of Synthesis Generality," J. Org. Chem.-62:1240-1256 (1997) Bunin, BA., et al., "A General and Expedient Method for the Solid-Phase Synthesis of 1,4-Benzodlazepine Derivatives," 30 J. Am. Chem. Soc. -114:10997-10998 (1992) Bunin, B.A., et al., "The Combinatorial Synthesis and Chemical and Biological Evaluation of a 1,4-Benzodiazepine 31 Libra ," PNAS USA-91:4708-4712 (1994) Chumakov, A.M., et al., "Analysis of p53 Transactivation Through High-Affinity Binding Sites," Oncogene-8:3005-3011 32 (1993)Cohen, P.L., et al., "Lpr and gld: Single Gene Models of Systemic Autoimmunity and Lymphoproliferative Disease," 33 Annu. Rev. Immunol. - 9:243-269 (1991) Crabtree, R.H., "A New Type of Hydrogen Bond," Science 282:2000-2001 1998 34 Desoize, B., "Anticancer Drug Resistance and Inhibition of Apoptosis," Anicancer Research -14:2291-2294 1994 35 Doble, A., et al., "Labelling of Peripheral-Type Benzodiazepine Binding Sites in Human Brain with [3H]11195: Anatomical and Subcellular Distribution," Brain Research Bulletin,18:49-61 1987 36 Donadio, J.V., et al., 'Immunosuppressive Drug Therapy in Lupus Nephritis," American Journal of Kidney Diseases -37 21(3):239-250 1993 Ermak, T.H., et al., "Treatment of Murine Lupus with Monoclonal Antibody to L3T4," Laboratory Investigation -38 61(4):447-456 1989 Gallant, J.E., et al., "Incidence and Natural History of Cytomegalovirus Disease in Patients with Advanced Human 39 Immunodeficiency Virus Disease Treated with Zidovudine," The Journal of Infectious Diseases -166:1223-1227 1992 Garcia-Calvo, M., et al. "Inhibition of Human Caspases by Peptide-Based and Macromolecular Inhibitors," The Journal 40 of Biological Chemistry - 273(49):32608-32613 1998 Gorczyca, W., et al., "Induction of DNA Strand Breaks Associated with Apoptosis During Treatment of Leukemias," 41 Leukemia - 7(5):659-670 1993 Gordon, C., et al.. "Chronic Therapy with Recombinant Tumor Necrosis Factor-α in Autoimmune NZB/NZW Fi Mice," 42 Clinical Immunology and Immunopatholoy- 52:421-434 1989 Hahn, B.H., et al., "Influence of Cyclophosphamide and Other Immunosuppressive Drugs on Immune Disorders and 43 Neoplasia in NZB/NZW Mice," Arthritis and Rheumatism -18(2):145-152 1975 44 Hang, L., et al., "A Spontaneous Rheumatoid Arthritis-Like Disease in MR/1 Mice," J. Ex p. Mod. -155:1690-1701 1982 Horowitz, R.E., et al., "Cyclophosphamide Treatment of Mouse Systemic Lupus Erythematosus," Laboratory 45 Investigation - 21(3):199-206 1969 Itoh, N., et al., "The Polypeptide Encoded by the cDNA for Human Cell Surface Antigen Fas Can Mediate Apoptosis," 46 Cell - 66:233-243 1991 Koopman, W.J., et al., "The MRL-Ipr/lpr Mouse. A Model for the Study of Rheumatoid Arthritis," Scand. J. 47 Rheumatolo - Suppl 75:284-o289 1988 Korsmeyer, S.J., "Bcl-2 Initiates a New Category of Oncogenes: Regulators of Cell Death," Blood - 80(4):879-886 48 Liu, J.R., et al., "Belox, is Expressed in Ovarian Carcinoma and Modulates Chemotherapy-induced Apoptosis," 49 Gynecologic Oncology - 70:398-403 1998 Los, M., et al., "The Role of Caspases in Development, Immunity, and Apoptotic Signal Transduction: Lessons from Knockout Mice," Immunity -10:629-639 1999 50 51 Luria, et al., "General Viology - 3rd edition, . 436-446 1978 - Eds. John Wile & Sons, New York Gordon, E.M., et al., "Applications of Combinatorial Technologies to Drug Discovery. 2. Combinatorial Organic Synthesis, Library Screening Strategies, and Future Directions," Journal of Medicinal Chemistry- 37(10):1385-1401 52 1994 Examiner: Date Considered: EXAMINE: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form ith next communication to applicant.

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